

9105-6:CJB:89381

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

Docket No.: 9105-6

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **Method and Apparatus for Magnetically Stirring a Thixotropic Metal Slurry**, the specification of which

(check one) ☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided

by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing Date) (Status - patent/pending/abandoned)

(Application Serial No.) (Filing Date) (Status - patent/pending/abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold R. Woodard, No. 16,214; C. David Emhardt, No. 18, 483; Joseph A. Naughton, Jr., No. 19, 814; John V. Moriarty, No. 26,207; John C. McNett, No. 25,533; Thomas Q. Henry, No. 28,309; James M. Durlacher, No. 28,840; Charles R. Reeves, No. 28,750; Vincent O. Wagner, No. 29,596; Steve Zlatos, No. 30,123; Spiro Bereveskos, No. 30,821; William F. Bahret, No. 31,087; Clifford W. Browning, No. 32,201; R. Randall Frisk, No. 32,221; Daniel J. Lueders, No. 32,581; Kenneth A. Gandy, No. 33,386; Timothy N. Thomas, No. 35,714; Kerry P. Sisselman, No. 37,237; Kurt N. Jones, 37,996; John H. Allie, No. 39,088; Holiday W. Banta, No. 40,311; Troy J. Cole, No. 35,102; L. Scott Paynter, No. 39,797; J. Andrew Lowes, No. 40,706; Darrin Wesley Harris, No. 40,636; Matthew R. Schantz, No. 40,800; Gregory B. Coy, No. 40,967; Lisa A. Hiday, No. 40,036; John V. Daniluck, No. 40,581; Christopher A. Brown, 41,642; Charles J. Meyer, 41,996; Arthur J. Usher IV, 41,359; Scott J. Stevens, 29,446; James B. Meyers, 42,021; C. John Brannon, 44,557; Jason J. Schwartz, 43,910; Douglas A. Collier, 43,556; R. Craig Tucker, 45,165; C. Amy Smith, No. 42,931; Brad A. Schepers, No. 45,431; and John M. Bradshaw, P-46,573.

Address all telephone calls to:  
Address all correspondence to:

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James M. Durlacher, Esquire  
Woodard, Emhardt, Naughton, Moriarty & McNett  
Bank One Center/Tower  
111 Monument Circle, Suite 3700  
Indianapolis, Indiana 46204-5137

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Jian Lu

Inventor's

Signature: Jian Lu Date of Signature: June 1, 2000

Residence: 252 Tinkehill Cove, Apt. D, Jackson, TN 38305

Citizenship: Canada

Post Office Address: 252 Tinkehill Cove, Apt. D, Jackson, TN 38305

Full name of second inventor: Shaupoh Wang

Inventor's

Signature: Shaupoh Wang Date of Signature: June 1, 2000

Residence: 1002 Galaxy Drive, Jackson, TN 38305

Citizenship: Taiwan

Post Office Address: 1002 Galaxy Drive, Jackson, TN 38305

Full name of third inventor: Samuel M.D. Norville

Inventor's

Signature: Samuel M.D. Norville Date of Signature: June 1, 2000

Residence: 114A Peppertree Road, Jackson, TN 38305

Citizenship: U.S.A.

Post Office Address: 114A Peppertree Road, Jackson, TN 38305



UNITED STATES DEPARTMENT OF COMMERCE  
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AUGUST 02, 2000

PTAS

WOODARD, EMHARDT, NAUGHTON, ET AL  
JAMES M. DURLACHER  
111 MONUMENT CIRCLE, SUITE 3700  
BANK ONE CENTER/TOWER  
INDIANAPOLIS, INDIANA 46204-5137



\*101379359A\*

RECEIVED

AUG 14 2000

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Woodard, Emhardt, Naughton,  
Moriarty & McNett

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/01/2000

REEL/FRAME: 010837/0231  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
LU, JIAN

DOC DATE: 06/01/2000

ASSIGNOR:  
WANG, SHAUPOH

DOC DATE: 06/01/2000

ASSIGNOR:  
NORVILLE, SAMUEL M.D.

DOC DATE: 06/01/2000

ASSIGNEE:  
AEMP CORPORATION  
2404 DR. F.E. WRIGHT DRIVE  
JACKSON, TENNESSEE 38305

SERIAL NUMBER: 09585060  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

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DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

06-13-2000

REC



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Submitted original document(s) or copy(ies).

TO: The Commissioner of Patents and

## Submission Type

## Conveyance Type

<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Security Agreement
<input type="checkbox"/> Resubmission (Non-Recordation) Document ID#	<input type="checkbox"/> License	<input type="checkbox"/> Change of Name
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	<input type="checkbox"/> Departmental File	<input type="checkbox"/> Secret File
<input checked="" type="checkbox"/> Mark if additional names of conveying parties attached		

## Conveying Party(ies)

Execution Date Month Day Year	
Name (line 1) LU, Jian	06 01 2000
Name (line 2)	
Second Party	09/585060
Name (line 1) WANG, Shaupoh	06 01 2000
Name (line 2)	

Mark if additional names of receiving party attached

## Receiving Party

Name (line 1) AEMP Corporation	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Name (line 2)		
Address (line 1) 2404 Dr. F.E. Wright Drive		
Address (line 2)		
Address (line 3) Jackson	Tennessee/ U.S.A.	38305
City	State/Country	Zip Code

Enter for the first Receiving Party only.

## Domestic Representative Name and Address

Name
Address (line 1)
Address (line 2)
Address (line 3)
Address (line 4)

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Page 2

## Correspondent Name and Address

Area Code and Telephone Number

(317) 634-3456

Name

James M. Durlacher

Address (line 1)

Woodard, Emhardt, Naughton, Moriarty &amp; McNett

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111 Monument Circle, Suite 3700

Address (line 3)

Bank One Center/Tower

Address (line 4)

Indianapolis, Indiana 46204-5137

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 7

Application Number(s) or Patent Number(s)

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

## Patent Corporation Treaty

Enter a PCT application number only if a U.S. Application Number has not been assigned.

PCT

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## Number of properties

Enter the total number of properties involved

# 1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed

X

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account).

Deposit Account Number

# 23-3030

Authorization to charge additional fees:

Yes

X

No

## Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

James M. Durlacher, Reg. No. 28,840

Name of Person Signing

Signature

June 1, 2000

Date

U.S. 270  
09/585060  
05/01/00

[illegible]



9105-6:CJB:89390

**ASSIGNMENT**

WHEREAS, Jian Lu of 252 Tinkehill Cove, Apt. D, Jackson, TN 38305; Shaupoh Wang of 1002 Galaxy Drive, Jackson, TN 38305; and Samuel M.D. Norville of 114A Peppertree Road, Jackson, TN 38305, hereinafter referred to as Assignor, has made a new and useful invention in **Method and Apparatus for Magnetically Stirring a Thixotropic Metal Slurry** for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, AEMP Corporation, hereinafter referred to as Assignee, a corporation of the State of Tennessee, having a principal place of business at 2404 Dr. F.E. Wright Drive, Jackson, Tennessee 38305, desires to acquire all of the entire right, title, and interest in, to and under said Invention disclosed, described and/or claimed, or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this 1<sup>st</sup> day of June, 2000, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof..

Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Naughton, Moriarty & McNett of Bank One Center/Tower, 111 Monument Circle, Suite 3700, Indianapolis, IN 46204-5137 to insert here in parentheses (Serial No. \_\_\_\_\_ Filed \_\_\_\_\_) the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said Inventions in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this ✓ 1 day of ✓ June, 2000.

✓ Jian Lu  
Jian Lu

STATE OF TENNESSEE )  
COUNTY OF Madison ) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Jian Lu, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 1<sup>st</sup> day of June, 2000.

Trenna Dickerson  
Notary Public

Printed: Trenna Dickerson

Resident of Madison County

My Commission Expires:

9/24/03

WITNESS Assignor's hand this 1 day of June, 2000.

Shaupoh Wang  
Shaupoh Wang

STATE OF TENNESSEE )

COUNTY OF Madison ) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Shaupoh Wang, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 1st day of June, 2000.

Trenna Dickerson  
Notary Public

Printed: Trenna Dickerson

Resident of Madison County

My Commission Expires:

9/24/03

WITNESS Assignor's hand this ✓1 day of ✓June, 2000.

Samuel M.D. Norville

STATE OF TENNESSEE )  
COUNTY OF Madison ) : SS

Before me, a Notary Public, in and for said County and State, personally appeared Samuel M.D. Norville, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 1<sup>st</sup> day of June, 2000.

Trenna Dickerson  
Notary Public

Printed: Trenna Dickerson

Resident of Madison County

My Commission Expires:

9/24/03